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### 1 [WARP: Web Application Rapid Prototyping](#)

[Mario Bochicchio, Nicola Fiore](#)

March **SAC '04**: Proceedings of the 2004 ACM symposium on Applied computing 2004

**Publisher**: ACM

Full text available: Pdf (416.10 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics**: Downloads (6 Weeks): 24, Downloads (12 Months): 107, Citation Count: 1

This paper describes an environment specifically tailored for the design and the rapid prototyping of Web applications. The environment, named WARP (Web Application Rapid Prototyping), offers a set of online software tools, which assist the designer ...

**Keywords**: HDM, conceptual design, prototyping web application

### 2 [From Web Services to OGSA: Experiences in Implementing an OGSA-based Grid Application](#)

[Radu Prodan, Thomas Fahringer](#)

November 2003 **GRID '03**: Proceedings of the 4th International Workshop on Grid Computing

**Publisher**: IEEE Computer Society

Full text available: Pdf (604.01 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics**: Downloads (6 Weeks): 9, Downloads (12 Months): 23, Citation Count: 3

In previous work we have presented the ZENTURIO experiment management system for performance and parameter studies of parallel and distributed applications on cluster and Grid architectures. In this paper we describe experiences of an on-going work, targeting ...

### 3 The ADEPT digital library architecture



Greg Janée, James Frew

July **JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**

**Publisher:** ACM

Full text available: Pdf (263.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 102, Citation Count: 10

The Alexandria Digital Earth ProtoType (ADEPT) architecture is a framework for building distributed digital libraries of georeferenced information. An ADEPT system comprises one or more autonomous libraries, each of which provides a uniform interface ...

**Keywords:** bucket framework, collection discovery, distribution, interoperability, metadata

### 4 Active rules for XML: A new paradigm for E-services

Angela Bonifati, Stefano Ceri, Stefano Paraboschi

August **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 1

**Publisher:** Springer-Verlag New York, Inc.

Full text available: Pdf (81.58 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 48, Citation Count: 12

XML is rapidly becoming one of the most widely adopted technologies for information exchange and representation. As the use of XML becomes more widespread, we foresee the development of active XML rules, i.e., rules explicitly designed for the management ...

**Keywords:** Active databases, Document management, Query languages for XML, XML, XSLT

### 5 A design technique for evolving web services



Piotr Kaminski, Marin Litolu, Hausi Müller

October **CASCON '06: Proceedings of the 2006 conference of the Center for 2006 Advanced Studies on Collaborative research**

**Publisher:** ACM

Full text available: Html (1.32 KB), Pdf (278.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 112, Citation Count: 0

In this paper, we define the problem of simultaneously deploying multiple versions of a web service in the face of independently developed unsupervised clients. We then propose a solution in the form of a design technique called Chain of Adapters and ...

6 [Queue: Volume 6 Issue 4](#)



July 2008

Queue

**Publisher:** ACM

Full text available: [Digital Edition](#) , [Pdf](#) (6.13 MB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 80, Downloads (12 Months): 461, Citation Count: 0

Flash is growing from mere curiosity to a new tier in the storage hierarchy.

7 [VMPlants: Providing and Managing Virtual Machine Execution Environments for Grid Computing](#)

[Ivan Krsul](#), [Arijit Ganguly](#), [Jian Zhang](#), [Jose A. B. Fortes](#), [Renato J. Figueiredo](#)

November 2004 **SC '04:** Proceedings of the 2004 ACM/IEEE conference on Supercomputing

**Publisher:** IEEE Computer Society

Full text available: [Pdf](#) (207.42 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 19, Downloads (12 Months): 135, Citation Count: 17

Virtual machines provide flexible, powerful execution environments for Grid computing, offering isolation and security mechanisms complementary to operating systems, customization and encapsulation of entire application environments, and support for ...

8 [Using google hacking to enhance defense strategies](#)



[Lisa Lancor](#), [Robert Workman](#)

March 2007 **SI GCSE '07:** Proceedings of the 38th SIGCSE technical symposium on Computer science education

**Publisher:** ACM

Full text available: [Pdf](#) (432.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 507, Citation Count: 2

This paper provides a description of how the topic of Google hacking was incorporated into a graduate course on web security which was offered in the Fall of 2005. It begins by providing an overview of Google hacking and describes what it is, how it ...

**Keywords:** Google hacking, education, hacking, information assurance, information security, web security

Also published in:

March 2007 **SIGCSE Bulletin** Volume 39 Issue 1

9 [Organizing and sharing distributed personal web-service data](#)



[Roxana Geambasu](#), [Cherie Cheung](#), [Alexander Moshchuk](#), [Steven D. Gribble](#), [Henry M. Levy](#)

April 2008 **WWW '08: Proceeding of the 17th international conference on World Wide Web**

**Publisher:** ACM

Full text available: Pdf (1.17 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 55, Downloads (12 Months): 351, Citation Count: 0

The migration from desktop applications to Web-based services is scattering personal data across a myriad of Web sites, such as Google, Flickr, YouTube, and Amazon S3. This dispersal poses new challenges for users, making it more difficult for them to: ...

**Keywords:** data organization, data sharing, menagerie, web services

10 [Certificate-based authorization policy in a PKI environment](#)



[Mary R. Thompson](#), [Abdellilah Essiari](#), [Srilekha Mudumbai](#)

November 2003 **Transactions on Information and System Security (TISSEC)**, Volume 6 Issue 4

**Publisher:** ACM

Full text available: Pdf (233.63 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 32, Downloads (12 Months): 265, Citation Count: 17

The major emphasis of public key infrastructure has been to provide a cryptographically secure means of authenticating identities. However, procedures for authorizing the holders of these identities to perform specific actions still need additional research ...

**Keywords:** Public key infrastructure, XML, digital certificates

11 [Communications of the ACM: Volume 51 Issue 8](#)



August 2008 **Communications of the ACM**

**Publisher:** ACM

Full text available: Digital Edition, Pdf (6.85 MB)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 411, Downloads (12 Months): 2672, Citation Count: 0

12 [Communications of the ACM: Volume 51 Issue 3](#)



March 2008 **Communications of the ACM**

**Publisher:** ACM

Full text available: Digital Edition, Pdf (7.56 MB)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 503, Downloads (12 Months): 2076, Citation Count: 0

### 13 [E-services: a look behind the curtain](#)



[Richard Hull](#), [Michael Benedikt](#), [Vassilis Christophides](#), [Jianwen Su](#)

June **PODS '03: Proceedings of the twenty-second ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM

Full text available: Pdf (269.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 131, Citation Count: 37

The emerging paradigm of electronic services promises to bring to distributed computation and services the flexibility that the web has brought to the sharing of documents. An understanding of fundamental properties of e-service composition is required ...

### 14 [Developing scientific workflows from heterogeneous services](#)



[A. Tsalgatidou](#), [G. Athanasopoulos](#), [M. Pantazoglou](#), [C. Pautasso](#), [T. Heinis](#), [R. Grønmo](#), [Hjördis Hoff](#), [Arne-Jørgen Berre](#), [M. Glittum](#), [S. Topouzidou](#)

June **SIGMOD Record**, Volume 35 Issue 2  
2006

**Publisher:** ACM

Full text available: Pdf (216.73 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 118, Citation Count: 0

Scientific WorkFlows (SWFs) need to utilize components and applications in order to satisfy the requirements of specific workflow tasks. Technology trends in software development signify a move from component-based to service-oriented approach, therefore ...

### 15 [Generating web-based user interfaces for diagramming tools](#)

[Shuping Cao](#), [John Grundy](#), [John Hosking](#), [Hermann Stoeckle](#), [Ewan Tempero](#), [Nianping Zhu](#)

January **AUI C '05: Proceedings of the Sixth Australasian conference on User interface - Volume 40**, Volume 40  
2005

**Publisher:** Australian Computer Society, Inc.

Full text available: Pdf (946.23 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 49, Citation Count: 0

Thin-client diagramming tools provide a number of advantages over traditional thick-client design tools but are challenging to build. We describe an extension to a thick-client meta-tool that allows any specified diagram editor to be realised as a thin-client ...

**Keywords:** meta-tools, thin-client diagramming, web-based design tools

16 [Queue: Volume 6 Issue 2](#)



March 2008

Queue

**Publisher:** ACM

Full text available: [Digital Edition](#) , Pdf (7.96 MB)

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 82, Downloads (12 Months): 474, Citation Count: 0

17 [Towards a BPEL unit testing framework](#)



[Philip Mayer](#), [Daniel Lübke](#)

July **TAV-WEB '06:** Proceedings of the 2006 workshop on Testing, analysis, and 2006 verification of web services and applications

**Publisher:** ACM

Full text available: Pdf (198.95 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 31, Downloads (12 Months): 270, Citation Count: 0

The Business Process Execution Language (BPEL) is emerging as the new standard in Web service composition. As more and more workflows are modelled using BPEL, unit-testing these compositions becomes increasingly important. However, little research has ...

**Keywords:** BPEL, BPELUnit, composition, orchestration, testing, unit testing

18 [Queue: Volume 6 Issue 3](#)



May 2008

Queue

**Publisher:** ACM

Full text available: [Digital Edition](#) , Pdf (5.56 MB)

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 100, Downloads (12 Months): 579, Citation Count: 0

19 [Communications of the ACM: Volume 51 Issue 10](#)



October 2008

Communications of the ACM

**Publisher:** ACM

Full text available: [Digital Edition](#) , Pdf (7.16 MB)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 626, Downloads (12 Months): 2769, Citation Count: 0

20 [A taxonomy of Data Grids for distributed data sharing, management, and processing](#)



[Srikumar Venugopal](#), [Rajkumar Buyya](#), [Kotagiri Ramamohanarao](#)

June **Computing Surveys (CSUR)** , Volume 38 Issue 1 2006

**Publisher:** ACM

Full text available: Pdf (1.70 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 151, Downloads (12 Months): 1279, Citation Count: 13





Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance ...

**Keywords:** Grid computing, data-intensive applications, replica management, virtual organizations

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